

BEAUTY IN THE HEAVENS

ONE OF THE MOST FASCINATING SPECTACLES SINCE YEAR ONE.

Garrett P. Serviss Writes of Wonderful Planetary Changes Observable During This Summer.

Garrett P. Serviss, in New York Journal.

As daylight faded from the western sky and the stars began to twinkle through the gloom on the night of the Summer Solstice in 1886, there opened before the vision of the astronomer perhaps as splendid an array of the planetary and stellar hosts as the heavens have ever presented to the contemplation of the inhabitants of the earth. Monsieur Flammarion recently asserted that the aspect of the sky on this solstitial occasion would be the most remarkable, as far as astronomers can tell, that has ever been known since the beginning of the world. Monsieur Flammarion may possibly have been indulging in a little hyperbole. Nevertheless, the arrangement of the planets in the solar system and their relation to the background of the stellar universe was certainly uncommon and worthy of universal attention. To him who on the night of June 21 devoted himself to the study and consideration of celestial phenomena, the universe offered itself with memorable freedom, and no better time could have been chosen for beginning an acquaintance with the sublime environments amid which our little earth floats as a mote in the sunbeams.

As soon as the twilight paled a little, piercing the golden curtains of the west was seen the brilliant light of Jupiter shining in the constellation Cancer, and close to the remarkable cluster of stars which is known under the popular appellation of the Beehive. Jupiter has recently shown singular evidence of disturbance, and has been in the past enveloped of clouds by which it is enwrapped, and it will continue to be a most entrancing object for telescopic study. But as the night deepened a far more interesting and wonderful phenomenon presented itself high in the southern heavens and near the meridian—the ringed planet Saturn. Strange events have recently occurred in the Saturnian system lately, but we shall return to these things further on.

It is important to remark that at this time Jupiter, the mightiest member, except the sun itself, of the solar system, is so situated with reference to the majority of the other planets that the effect of his and their attractions must be to put the center of gravity of the system outside the surface of the sun. In other words, the sun may be represented as swinging at one end of an imaginary bar or lever, the fulcrum of which is very close to the solar surface, and on the other end of which are suspended several of the greater planets composing the solar family. While Jupiter lies a few degrees eastward from the sun, and consequently appears in the evening sky, Neptune, Venus and Mercury are all assembled together in the morning from the sun, and therefore in the morning sky in the constellation of Taurus.

SOLAR SYSTEM REVERSED.

For a few days before and after the 20th of June these three planets are in conjunction with one another, again and again, apparently oscillating to and fro in a most interesting manner. Although the actual distance separating each of them from all of the others is, of course, very great, yet when they are thus assembled on the same side of the sun, which happens in this case to be the side nearly opposite to where the earth is, they exert their greatest disturbing effect not only upon the sun, but upon one another. At this time, therefore, the planets apparently in far more intimate relations with one another than they ordinarily exhibit. For some time past the positions of the various planets have been in no small degree remarkable. It has been asserted that a few months ago the respective situations were such that they had not previously occupied since the beginning of the Christian era. The study of which is best calculated to give us an insight into the processes of change and growth going on in the worlds around us, and the fact that this basis for magnifying their prognostications, although, of course, no well-informed person to-day believes that the beginning or the end of our era had, or will have, any causal connection with the position of the planets.

Returning now to Saturn, situated in the constellation Libra, and on the night of the 20th of June, of all the planets it exhibited the most surprising phenomena, and the study of which is best calculated to give us an insight into the processes of change and growth going on in the worlds around us, and the fact that this basis for magnifying their prognostications, although, of course, no well-informed person to-day believes that the beginning or the end of our era had, or will have, any causal connection with the position of the planets.

EVE OF DISCOVERY.

The fact is that we are just now very probably on the eve of extraordinarily interesting discoveries concerning the planets of our solar system, and it is quite possible after all, and the present opportunity offered to astronomers should give us some light upon this question, that the idea which has prevailed for many years that Jupiter, Saturn, Uranus and Neptune are unfinished worlds not yet cooled down and become habitable may, after all, be a mistake. Phases of creation hitherto unknown and unguessed at by astronomers may from this time begin to unfold themselves before us as the gigantic instruments which are now being completed are more and more fully brought to bear in the investigation of celestial phenomena.

While Saturn reigns in midheaven, the fortunate observer of the sky on the night of the summer solstice was able to find a few degrees eastward from the ringed world the planet Uranus. To one equipped with a telescope of adequate power a vista of exceeding grandeur is opened in this glancing from Saturn. The most brilliant of the stars known to the ancients are at a distance of 2,000,000,000 miles from Uranus, of the still more distant planets which modern astronomy has discovered. While Saturn and Uranus hold the middle ground in the evening sky, both lying in the constellation Libra, the stars so far behind, in Pisces, that the observer will have to wait until two or three hours after midnight to obtain a good view of him in the morning sky. The red planet, whose polar regions are believed to give it a human interest attaching to no other member of the sun's family beyond the earth, is still in the farther part of its orbit from us, although nearly at its least distance from the sun. The solar rays must now, according to the ruddy deserts which constitute the greater portion of the surface of the Martian world. The discoveries of the last two years have taught us so much about Mars that it requires no great stretch of the imagination to see its inhabitants battling against the untoward natural conditions that surround them in their half dried-up world, and eagerly awaiting the next great melting of the polar snows, which will send them a scanty supply of moisture to brighten their barren fields for a few brief weeks, and thus enable them to eke out the term of their existence. In the deserts of Peru the annual "coasting" of the rivers at the end of the dry season is created

TWO BIG BICYCLE MEETS

MANY PROFESSIONALS SECURED FOR BOTH EVENTS.

Johnson, Sanger and McDonald to Be Here—Immense Vine Tricycle and Fowler Sextet Coming.

Although Indianapolis has no bicycle track in time to get a National Circuit date, it will not be behind in professional races with the circuit chasers present. Last week the managers of the two tracks here went to Louisville, the main idea being to return with contracts with as many of the big men of the circuit as could be obtained. In neither instance was the effort appointed. The meeting to be held at Broad Ripple next Thursday and Friday, afterwards and Friday night will give some of the best bicycle sport in the country and by far the best ever seen in this city.

John S. Johnson, the crack professional, who has just returned from Europe, after capturing many of the rich prizes at Paris, will be here and he thinks he can beat the two-minute mark in a mile. Johnson is the man who made a mile at Independence, Ia., in 1:56, about three years ago. He has never been able to equal that record, but it was something phenomenal in its way, and it is hardly expected that he will ever equal it. He will make the effort of his life here to lower it. He will not be in a race, but will go against time at the three meetings. He will be paced by Owen Kimble and Tommie Haus, the Outing team. These two men have been doing some very fine work. Last week Kimble carried off two firsts and several second prizes at Louisville. His team mate is equally as good a man on the track.

Besides these will be several novelties shown which, in themselves, will be worth the price of admission to the races. A contract was closed whereby the immense, Vin Tricycle will be here. This machine is the largest of its kind ever built. It is eleven feet high in the rear and eight feet in front. It requires a team of eight men to propel it, besides the man who sits in front and guides. It must be seen to be appreciated. It will be seen on the streets of the city and at the Broad Ripple track.

Another thing in the way of a novelty is the two immense tricycle lamps, known to all riders, but they are so large that it requires a wagon to carry them. They will be exhibited in the parade, which will be given Thursday evening.

Nickel, the Chicago trick rider, will also give exhibitions at the track. One of his stunts is to ride a "giraffe" machine around a race track on one wheel. The "giraffe" is a machine which can be raised or lowered by a lever. It is built up so the rider sits about ten feet above the ground. The machine can be raised to the size used on the ordinary safety machine. Nickel does tricks on this machine that few riders can do. He will give exhibitions at each of the three meetings.

It is also possible that Parsons, the Australian who beat Zimmerman, will be here. Negotiations are pending with him, but have not been closed. He is a very speedy rider and if he should come there will probably be a match race between him and Johnson.

The Capital City track is not behind in securing attractions for its meeting to be held next Tuesday. It has secured Tom Cooper, who has won such wonderful speed this year; Walter Sanger, who has pushed Cooper for very close seconds at many meetings; Ray McDonald, from Europe, the champion of Canada, who has done any good against the fast men of this country; Fred Longhead, the champion of California; and Vincent, the fastest pacemaker in the country. These men will give the Capital City track an attraction that should draw a big crowd for their meeting.

This salty of Indianapolis into the camp of the enemy has caused a great deal of talk in Louisville among the other circuit chasers and the big men of the league. This city had scarcely been heard of in bicycle circles until the Louisville meet, except as a great center for the manufacture of wheels. For this it was known all over the country and the wonder was often expressed that a city so far from the track should have been able to secure so many representatives. When the track representatives made a descent on the circuit chasers and secured so many of the best men of the league, it was not long before the eyes of the racing men to this city and its possibilities. Chairman Gideon H. Brown, of Louisville, has been offering sufficient inducements to secure these crack riders and yet had never had enough of them to make a match race. It is now that a good track will draw paying crowds for bicycle races, there is no longer any doubt about it. For this reason this city will have a track equal to any in the country.

There is already some talk of making strong efforts to secure the national meeting of '98, and to do this a first-class track has to be built. It will also have to be the building of a grand stand that will seat more than ten thousand people. The movement to organize an Indiana circuit for professionals, if it is successful, will mean a great deal to the city. This scheme was outlined fully in the Journal last week.

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We have just bought in bulk the Entire Stock of

ART GOODS, NOTIONS, Etc.

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Of West Ohio Street

You know the Misses Lueders. They have been in business here for years and years. You know their stock has always been right up to date—always fresh and clean.

They wished to retire from business and came to us for a cash offer. We made it. An extremely low one, but as they had to vacate their building at once they accepted, as the letter shows.

YOUR TURN

For as fast as the stock can be marked it will be placed on sale at prices that will wake things up. A great part ready to go on sale in the morning, and not only will there be excitement in these goods, for the whole store will have something good to offer.

Read All the Bargain News Below :: :: ::

The Misses Lueders' Art Goods

The Misses Lueders' Prices.	Our Prices.
Saxony Yarn.....	15c
Germantown Yarn.....	15c
Spanish Yarn.....	15c
Single and Split Zephyr Yarns.....	5c
Best quality Crewel.....	15c a doz.
Stamped Linen Covers, full yard square.....	50 and 75c
Stamped Squares.....	30 and 40c
Stamped Linen Squares.....	25c
Stamped Squares.....	15c
Stamped Doilies.....	5 and 10c
Embroidered Slipper Tops.....	25c
Pin Cushions, slightly soiled.....	25c
12-inch Stamped Duck Doilies.....	8c
Brown-fringed Open-work Doilies.....	10c
Stamped Linen Cut-out Goods.....	10c
Stamped Linen Cut-out Goods.....	25c
Brush and Comb Bag.....	20c
Stamped and Bound Umbrella Bag.....	35c
Shoe Bag.....	75c
Pin Cushion.....	15 and 20c
Uncovered Pin Cushion.....	40c

FINE WASH GOODS

The final cuts have been made and every piece of fine wash goods left in stock is marked at a price that means business. People who take advantage of this final clearance will, undoubtedly, be winners in a money way thereby.

On the bargain table you'll find the prettiest of dimities, organdies, blouses, French gingham and the like, going at 12 1/2c a yard. Think what they formerly were.

THE NEW JAMESTOWNS

Are attracting much attention. The designs are prettier than ever before and, with last week's additions, larger and more varied. Always keep in mind these are the genuine Jamestown and the designs seen here are exclusive. You can't buy them elsewhere in Indianapolis.

BLACK GOODS

Imperial serge—you doubtless remember the goods—here are two special numbers: The 8c quality goes at 50c a yard. The 10c quality goes at 60c a yard.

SILKS

Just 200 yards of real Black Jap Silks, worth 75c. SALE PRICE, 25c A YARD. Two pieces of 50c Taffetas go at 50c a yard. Black Satin Duchesse, 27 inches wide, and worth \$1.25, just 250 yards, at 75c a yard.

CENTER BARGAIN TABLE

The most elegant effects in the China Silks, regular \$1 quality, at 40c a yard. Imported Black Taffeta Glace, warranted to wear a \$1.50 silk, for 50c a yard. 10 pieces of Fancy Brocades, in Gros de Londres, regular \$1.50 Silks, at 80c a yard.

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Uncovered Pin Cushion.....	40c

WASH SUITS

Your choice of any Wash Suit in the house, including the fine Lawns and Dimities, French Mousselines, and printed cambrics, etc., for \$2.98. Hadn't you better come \$2.98, early?

SHIRT WAISTS

The cleanest, freshest Waists to be seen in the city, at one-third of what they are worth, and just think how long a time yet remaining for the wearing.

WASH GOODS

25 pieces of Dainty Dotted Swisses, in red, navy blue and green, all good styles, and an 8c quality. SALE PRICE, 2c A YARD. 25 pieces of Dainty Dotted Swisses, in red, navy blue and green, all good styles, and an 8c quality. SALE PRICE, 2c A YARD.

HOSIERY

Ladies' Lisle Thread Hose, fancy and Ribbed, black, white, and colored tops, and some dark tan Imperial Silk Hose. SALE PRICE, 25c A PAIR. All styles in Fancy Lisle Novelty Hose, that were from \$1 to \$1.75.

MEN'S HOSIERY

Men's Brown, Gray, Blue and Old Gold Mixed Cotton Hose, full seamless, with elastic heels and toes, the regular 10c quality, at 5c a pair. Men's Full Regular Made Fast Black and New Dark Tan Cotton Hose, the 10c quality, for 5c a pair.

LINENS

Bleached Cotton Crash—a good quality at 7c a yard. 7c Brown Crash goes at 6c a yard. 7c Glass Toweling goes at 6c a yard. 7c Glass Toweling goes at 7c a yard. 7c Bleached Bath Towels, 20 by 16, for 6c each. 7c Bleached Bath Towels, 44 by 15, for 12 1/2c each. Extra fine 72-inch Cream Damask for 10c a yard.

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